

## Product datasheet for R1066

### Bilirubin oxidase Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Suitable for Immunoblotting (Western or Dot blot), ELISA, Immunoprecipitation and most immunological methods requiring high titer and specificity. <u>Recommended Dilutions:</u> This product has been assayed against 1.0 ug of Bilirubin Oxidase [Myrothecium verrucaria] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Goat IgG [H&L] (Goat) and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:7,500 to 1:35,000 of the reconstitution concentration is suggested for this product.
Reactivity:	Myrothecium
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Bilirubin Oxidase [Myrothecium verrucaria].
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against purified and partially purified Bilirubin Oxidase [Myrothecium verrucaria]. Cross reactivity against Bilirubin Oxidase from other sources is unknown.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 0.01% sodium azide as preservative. State: Serum State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore with 2.0 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Prepared from monospecific antiserum by a delipidation and defibrination.
Conjugation:	Unconjugated



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<b>Storage:</b>	<p>Store vial at 2-8°C prior to restoration. Centrifuge product if not completely clear after standing at room temperature. For extended storage aliquot contents and freeze at -20°C or below.</p> <p>This product is stable for one month at 2-8°C as an undiluted liquid.</p> <p>Dilute only prior to immediate use.</p> <p>Avoid cycles of freezing and thawing.</p>
<b>Stability:</b>	<p>Shelf life: One year from despatch.</p>
<b>Database Link:</b>	<p><a href="#"><u>Q12737</u></a></p>
<b>Background:</b>	<p>Bilirubin Oxidase is an enzyme that catalyses the oxidation of bilirubin to biliverdin and other substrates. This enzyme has been expected to be used in the field of clinical pathology for the enzymatic determination of total bilirubin in serum and the treatment of jaundice and hyperbilirubinemia.</p>